



# User Manual

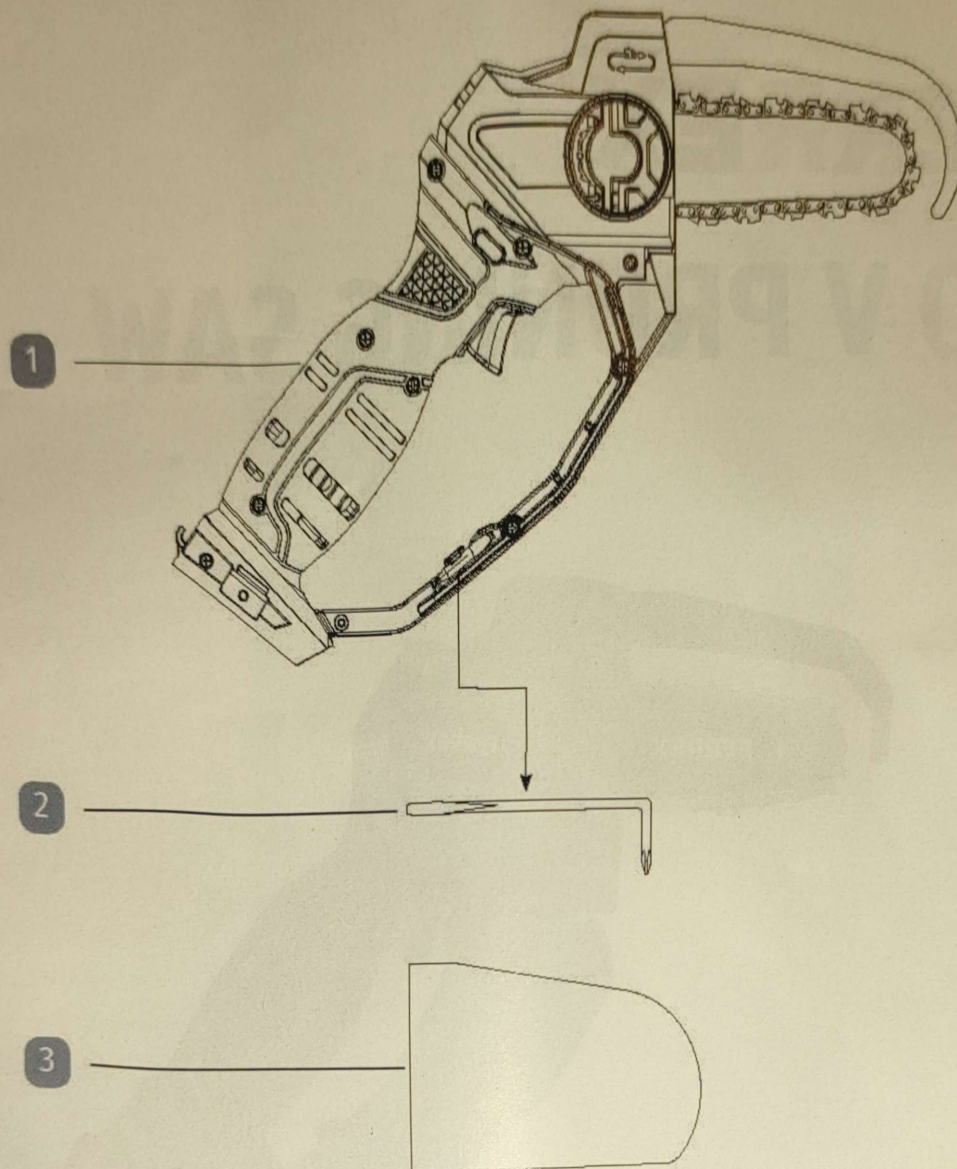
## **FERREX<sup>®</sup>**

## **20 V PRUNING SAW**



Original instructions





## Scope of delivery

- 1 Cordless pruning saw
- 2 Adjustment key
- 3 Guide bar cover
- 4 User manual and warranty card (not illustrated)



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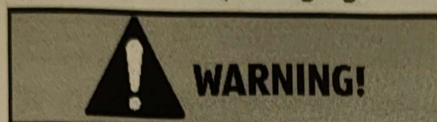
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## General information

### Explanation of symbols

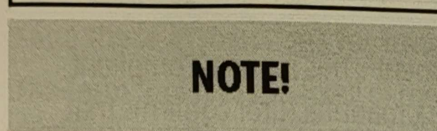
The following symbols and signal words are used in this user manual, on the ladder system or on the packaging.



This signal symbol/word denotes a hazard with an average risk level that could lead to death or severe injury if it is not avoided.



This signal symbol/word denotes a hazard with a low risk level that could lead to mild or moderate injury if it is not avoided.



This signal word provides a warning about potential material damage.



Read and understand the user manual.



Wear sturdy shoes.



Wear safety gloves.



Wear safety glasses.



Wear protective headgear.



Always wear hearing protection.





Do not expose to rain or water.



Beware of kickback.



CE stands for "Conformité Européenne", which means "In accordance with EU Regulations". With the CE marking, the manufacturer confirms that this Electric tool complies with the applicable European directives.



UKCA stands for: "UK Conformity Assessment". This means "Compliant with UK regulations". With the UKCA mark manufacturer confirms that this unit complies with the applicable UK regulations.



Do not dispose the electric power tool with domestic refuse!

## Safety

The device is designed exclusively for sawing wooden materials such as chipboard, branches, slats, hardwood and softwood. It is intended exclusively for private use and is not suitable for commercial use. Only use the device as described in these operating instructions. Any other use is considered improper and can lead to property damage or even personal injury. The device is not a children's toy.

The manufacturer or dealer assumes no liability for damage caused by improper or incorrect use.



### Risk of injury!

- Multi-saws are potentially dangerous tools. Multi-saw accidents often result in loss of limbs or death.
- It's not just the multi-saw that's dangerous. Falling branches, falling trees, rolling logs can kill. Diseased or rotten wood poses another danger.



- You should assess your ability to complete the task safely. If you have any concerns, leave the job to a professional arborist.

## General safety instructions for power tools



**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.**

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury!

**Save these instructions for future reference!**

The term "power tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

### Work area

- **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gasses or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### Electrical safety

- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

### Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position**



**before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### **Power tool use and care**

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.



- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

### Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

### Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

### Safety instructions for multi saws

- 1) **General multi saw safety warnings:**
  - a) **Keep all parts of the body away from the saw chain when the multi saw is operating. Before you start the multi saw, make sure the saw chain is not contacting anything.** A moment of inattention while operating multi saws



may cause entanglement of your clothing or body with the saw chain.

- b) **Hold the multi saw by insulated gripping surfaces only, because the saw chain may contact hidden wiring.** Saw chains contacting a "live" wire may make exposed metal parts of the multi saw "live" and could give the operator an electric shock.
- c) **Wear eye protection. Further protective equipment for hearing, head, hands, legs and feet is recommended.** Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.
- d) **Always keep proper footing and operate the multi saw only when standing on fixed, secure and level surface.** Slippery or unstable surfaces may cause a loss of balance or control of the multi saw.
- e) **When cutting a limb that is under tension, be alert for spring back.** When the tension in the wood fibres is released, the spring loaded limb may strike the operator and/or throw the multi saw out of control.
- f) **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped toward you or pull you off balance.
- g) **Carry the multi saw by the handle with the multi saw switched off and away from your body. When transporting or storing the multi saw, always fit the guide bar cover** Proper handling of the multi saw will reduce the likelihood of accidental contact with the moving saw chain.
- h) **Follow instructions for lubricating, chain tensioning and changing the bar and chain.** Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
- i) **Cut wood only. Do not use multi saw for purposes not intended. For example: do not use multi saw for cutting metal, plastic, masonry or non-wood building materials.** Use of the multi saw for operations different than intended could result in a hazardous situation.
- j) **This multi saw is not intended for tree felling.** Use of the multi saw for operations different than intended could result in serious injury to the operator or bystanders.
- k) **Follow all instructions when clearing jammed material, storing or servicing the multi saw. Make sure the switch is off and the battery pack is removed.** Unexpected actuation of the multi saw while clearing jammed material or servicing may result in serious personal injury.

## 2) Causes and operator prevention of kickback

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.



Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.

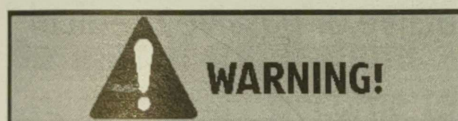
Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a multi saw user, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of multi saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

- a) **Maintain a firm grip, with thumb and fingers encircling the saw handle and position your body and arm to allow you to resist kickback forces.** Kickback forces can be controlled by the operator, if proper precautions are taken. Do not let go of the saw.
- b) **Do not overreach and do not cut above shoulder height.** This helps prevent unintended tip contact and enables better control of the multi saw in unexpected situations.
- c) **Only use replacement guide bars and saw chains specified by the manufacturer.** Incorrect replacement guide bars and saw chains may cause chain breakage and/or kickback.
- d) **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauge height can lead to increased kickback.

### General safety instructions for multi-saws

- a) **Follow all instructions when clearing, storing, or servicing the multi-saw. Make sure the switch is turned off and the battery is removed.** Unexpected operation of the multi-saw while removing debris or during maintenance could result in serious injury.



### Risk of damage!

If the machinery has been dropped or suffered a severe shock or vibrates abnormally, stop the machinery immediately and inspect for damage or identify the cause of the vibration.

- Any damage must be properly repaired or replaced by a service centre.



Ensure you have a firm grip on the product at all times. Hold the control handle (5) securely while operating the product. If needed, place your other hand on the rear handgrip (6) as an auxiliary handle to maintain a comfortable and balanced posture (Fig 2).

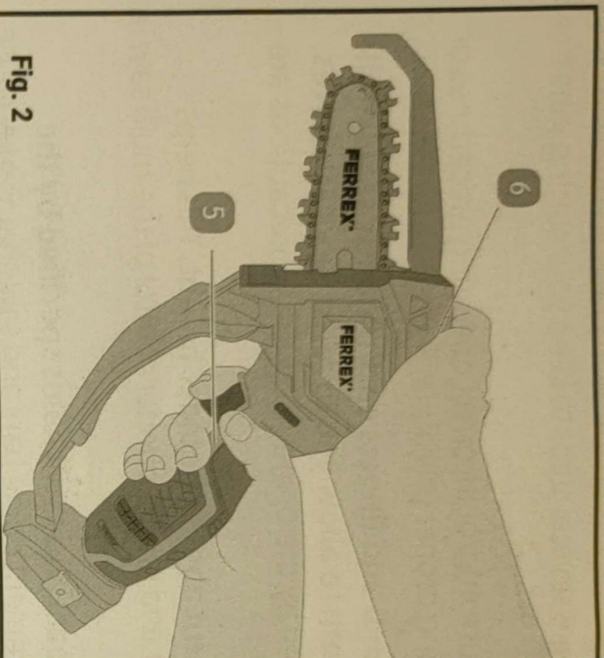
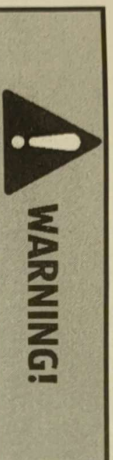


Fig. 2

## Residual risks

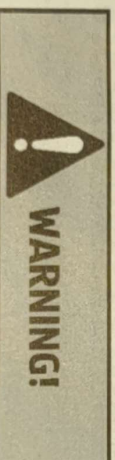
Despite intended use, residual risks that are not obvious cannot be completely ruled out.



### **Mortal danger through electromagnetic field.**

The electromagnetic field that occurs during operation may, under certain circumstances, adversely affect active or passive medical implants.

- Consult your doctor or the manufacturer of the medical implant before operating the device.



### **Danger from dust from materials hazardous to health.**

- Do not process materials that are hazardous to health. Various



wood dusts and various plastics can be carcinogenic.

- Wear a respirator mask.



**CAUTION!**

**Hearing damage and damage to health.**

If the device is used for a longer period of time, there is a risk of hearing damage and health problems resulting from hand-arm vibrations.

- Wear hearing protection.
- Wear vibration-dampening gloves.



**CAUTION!**

**Risk of injury due to improper handling of the device.**

- Only use saw chains that are sharp and in perfect condition. Replace cracked or dull saw chains immediately.
- Fix the work-piece carefully.

### Before first use

Check the device and scope of delivery



**WARNING!**

**Danger of suffocation!**

Children may become tangled up in the packaging film when playing with it and suffocate.

- Do not let children play with the packaging film.

### NOTE!

**Risk of damage!**

If opening the packaging with a sharp knife or other pointed objects, careless handling can damage the device.



- **Therefore, be very careful when opening.**

1. Take the device out of the packaging.
2. Check that the delivery is complete (see chapter "Scope of delivery/product components").
3. Inspect the device and individual parts for damage. Do not operate a damaged device; instead, contact the manufacturer via the service centre listed on the warranty card.

## **Clean the device and accessories**

1. Remove the packaging material and all protective films.
2. Before using it for the first time, clean the device and accessories.

## **Operation**

### **Inserting/replacing the battery pack**

The device's battery is a system battery and must be purchased separately. Read the battery's operating manual before using the battery.



**CAUTION!**

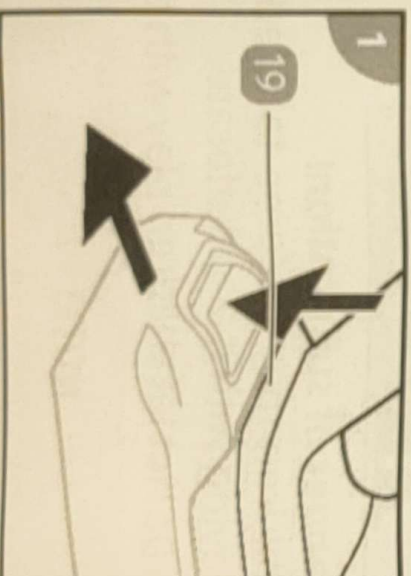
### **Fire and explosion hazard through reverse polarity or short circuiting**

- Only use suitable batteries (see chapter "Technical Data") approved by the manufacturer.
- Only use undamaged batteries.

### **Removing the battery**

1. Press and hold the battery release button.
2. Pull the battery out of the battery holder **19**.

If the battery does not come off easily, you have not applied enough pressure on the battery release button. Press the battery release button harder.





## Inserting the battery

1. To insert the battery, slide it into the battery holder **19**. You will hear a click when the battery lock engages.
2. Make sure that the battery is seated firmly.



## Mounting / changing the saw chain



### WARNING!

#### Risk of injury!

If parts are missing or damaged, the device must not be used until everything has been correctly replaced. Failure to heed this warning could result in serious personal injury.

- Make sure the battery pack is removed from the device.



### WARNING!

#### Risk of injury!

The saw chain is sharp.

- Always wear protective gloves when servicing the chain.

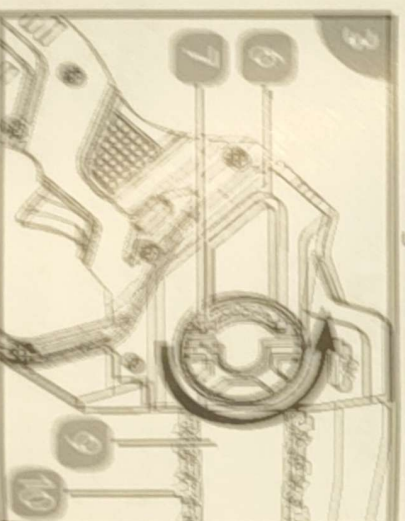
1. Unfasten the sprocket cover **6**, fold the handle of the saw connection **7** forward and turn the saw connection counter-clockwise.

2. Remove the sprocket cover.

3. Take the bar **9** and the saw chain **10** out of the device.

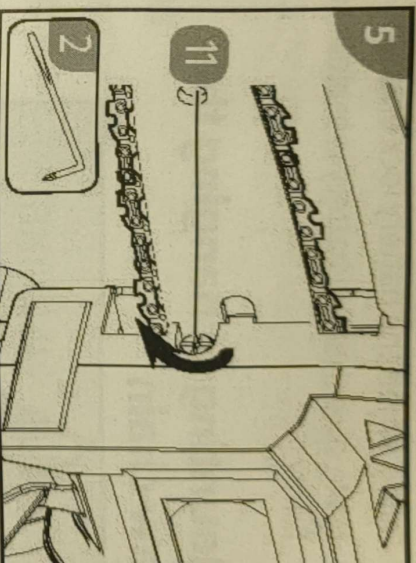
4. Clean the groove of the bar (see cleaning chapter) and inspect the saw chain and bar for damages and signs of wear.

5. Place a new saw chain **10** in the groove of the bar **9** so that the alignment of the chain links matches the symbol of the running direction printed on the device. Make sure the saw chain is sharp. A dull saw chain can cause overheating and damage to the engine.





6. Place the saw chain around the chain wheel **16** and place the hole in the bar on the guide pin **17**.
7. Moisten the saw chain with oil, see chapter Maintenance.
8. Turn the tension screw **11** clockwise with the adjusting tool **2** to slightly tension the saw chain.
9. Put the sprocket cover on. Pay attention to the recess on the device.
10. Screw the screw connection tight. Fold in the handle of the screw connection.
11. Adjust the chain tension (see chapter Adjusting the chain tension).
12. Run in the new saw chain (see chapter Running in the saw chain).



The saw chain has been changed.

## Adjust chain tension

Make sure that all links of the saw chain lie in the groove of the bar.

Check the chain tension at least every 10 minutes of operation, especially with new saw chains, and adjust it if necessary.



**WARNING!**

### Risk of injury!

The saw chain is sharp.

- Always wear protective gloves when servicing the chain.

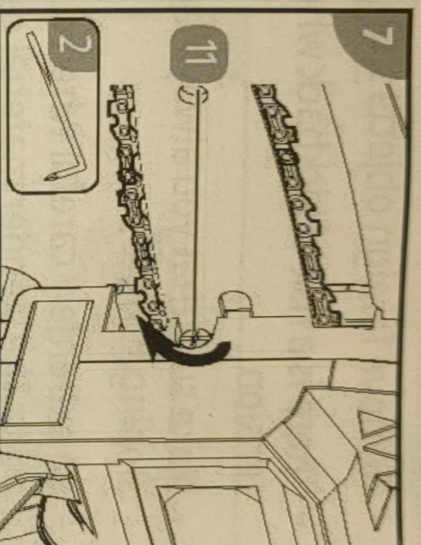
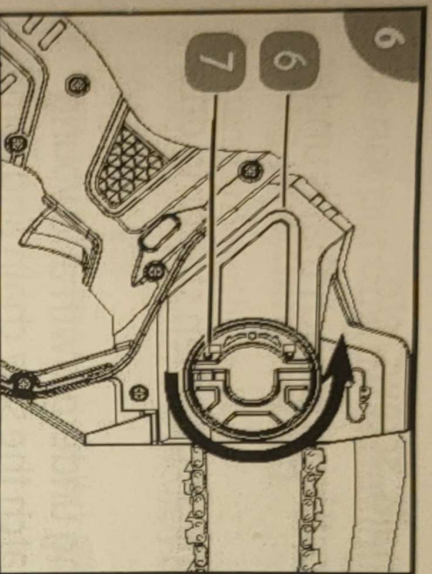
### NOTE!

### Risk of damage!

If the tension on the saw chain is too high, it can break the saw chain and wear out the bar and the tensioning screw. A saw chain that is too loose can slip off the bar.

- Do not tension the saw chain too tightly.





1. Remove the battery.
2. Loosen the sprocket cover **6** a little. Fold the handle of the screw connection **7** forward and turn the screw connection counter-clockwise.
3. Turn the tension screw **11** clockwise with the adjusting tool **2** to tension the saw chain. Turn the tension screw counter-clockwise to release the chain tension. Adjust the chain tension so that the distance between the centre of the bottom side of the bar and the saw chain is approximately 3 to 4 mm.

4. Screw the sprocket cover tight.

The chain tension is set.

## Work instructions



**CAUTION!**

### Risk of injury!

There are several sources of danger when handling a multi-saw.

- The device may only be operated by one person at a time. Make sure that other people are not in the work area.
- Never reach over the stop plate or under the safety bar.
- Do not start sawing if the saw chain is already in contact with the work-piece or is in the work-piece or may hit an object.
- Clamp loose material before cutting it. Do not support the material with your hand or foot. There is a risk of kickback.
- When sawing lumber and thin wood, always use a safe support, e.g. B. a saw-horse. The wood to be cut must not be stacked when sawing.



#### Operation

- Remove foreign objects such as nails, screws, etc.
- There is a risk of kickback when cutting a branch that is under tension.
- Make sure that you always face the slope when standing on a sloping surface.
- Be extremely careful when cutting undergrowth and young trees. The slender material can catch the saw chain and come towards you or throw you off balance.
- Be particularly careful when cutting splintered wood. Splinters of wood can be carried away by the saw chain.
- With the saw chain running, first place the stop plate on the work-piece surface and let the saw cut independently. Apply only light pressure to the saw. The chain speed should not slow down significantly.
- After finishing the work, switch off the device and only pull it out of the cut when it has come to a standstill. How to avoid a setback.
- To cool the saw, let the device run idle for a short time without any load.
- Carry the device by the handle with the device switched off and away from your body. When transporting or storing the saw, always install the protective cover. Proper handling of the device reduces the likelihood of accidental contact with the moving saw chain.

#### Working with the device

The on/off switch is secured to prevent accidental switching on. This switch-on lock must be activated before the on/off switch.



#### Risk of injury from trailing saw chain

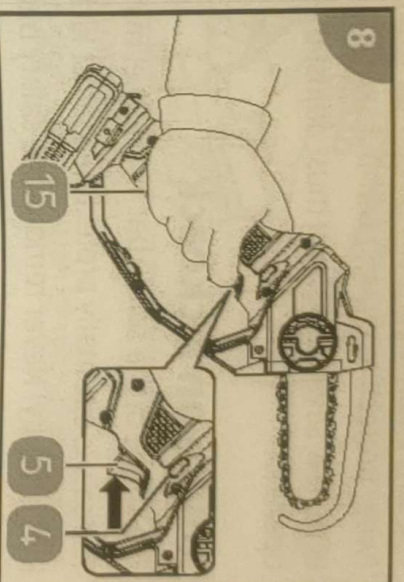
- Hold the device firmly until the saw chain stops.



- Do not put down the trailing device.

### Cutting (switching on/off)

1. Insert a charged battery.
2. Hold the device firmly and securely by the handle **15**.
3. Press and hold the switch-on lock **4** with your thumb.
4. Press the on/off switch **5** with your index finger.
5. The device starts and you can cut branches.
6. Release the power button to stop the device.



### Run in the saw chain

1. Remove the battery and adjust the chain tension.
2. Insert the battery.
3. Turn on the device and let it idle for approximately 35 minutes.
4. Remove the battery and check the chain tension. If necessary, re-tension the chain.
5. Then make only light cuts for about 30 minutes. Always ensure that the saw chain is sufficiently lubricated! Only after the running-in period has expired can you use the device for heavier cuts and greater cutting depths.

The saw chain has broken in.

### Advice on saw chains

Only use sharp saw chains. Dull saw chains can jam more easily. When working with new saw chains, check the chain tension more often, as the chain initially stretches more.

The service life of a saw chain depends on sufficient lubrication and the correct tension.

During operation, the chain heats up and re-tensioning may become necessary. After working, relax the chain again so that it is not too tight the next time you use the cold device.

Do not re-tighten saw chains that have become too hot. After cooling, it may contract and be too tight on the sword. Before re-tensioning, wait until the saw chain has cooled down.

The tension of the saw chain is important for your safety and the function of the



## Cleaning

device. A correctly tensioned saw chain increases the service life of the device. Check the chain tension before each use of the device.

The saw chain is correctly tensioned when it can be moved around the bar by hand (wear protective gloves) without sagging. With new saw chains, you must adjust the chain tension again after a short period of operation.

### **Advice on kickback**

The shape of the safety bar virtually eliminates the risk of kickback.

The saw is optimally protected against kickback by the safety bar with tip protection.

Risk of injury! Never remove the safety bar.

## **Cleaning**



### **Risk of injury!**

After the engine is switched off, the cutting tool continues to run and can cause serious injuries.

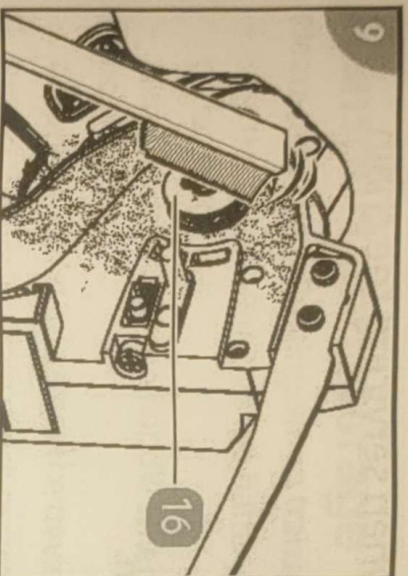
- Before carrying out any adjustment, cleaning or maintenance work on the device, remove the battery.
- Before working on the device, wait for all machine parts to stop.

### **Cleaning of the device**

Only a regularly serviced and well-maintained device can be a satisfactory aid. Lack of maintenance and care can lead to unpredictable accidents and injuries.

Never spray the device body with water! Do not clean the device and its components with solvents, flammable or toxic liquids.





1. Remove all chips, dirt and debris from the battery holder.

2. Clean the sprocket 16 and the ventilation slots with a brush or with compressed air.

3. Clean the guide groove of the sword 9.

Replace the bar if the guide groove is damaged or worn and the saw chain has too much side play.

4. Clean dust and sawdust from the housing using a cloth, brush or brush.

If it is very dirty, you can moisten the cloth with a mild detergent or soft soap. Other cleaning agents often contain chemical substances that can attack the plastic parts of the device. Make sure that no liquids get into the device.

The device is cleaned.

## Maintenance



**WARNING!**

### Risk of injury!

After the engine is switched off, the cutting tool continues to run and can cause serious injuries.

- Before carrying out any adjustment, cleaning or maintenance work on the device, remove the battery.
- Before working on the device, wait for all machine parts to stop.



**WARNING!**

### Risk of injury!

The saw chain is sharp.



## Spare parts

- Always wear protective gloves when servicing the chain.

## Sharpen the saw chain

The saw teeth need to be filed if:

- the sawdust takes on a powdery state,
- additional effort is required for the incision,
- a straight incision is no longer possible,
- the vibrations become stronger,
- the saw chain is blunt.

To sharpen the chain with a chain sharpener, make sure you sharpen the chain at a 30° angle.

It is recommended to have the chain professionally sharpened.

Replace the saw chain if there is significant damage that cannot be removed by filing.

Follow instructions for chain lubrication and chain tension and adjustment.

## Lubricating the saw chain

If the saw rattles, the chain needs to be lubricated.

Only use commercially available, biodegradable chain oils that are specifically designed for use in saws.

Do not use motor oil, used oil or other mineral oils.

## Checking the screws

Always check bolts and screws to make sure everything is tight so that the device is in a safe condition. Any damaged part must be properly repaired or replaced by authorized customer service.

## Spare parts

Contact customer service if you need the following replacement parts.

Description	Article number
Sword	7063846
Saw chain	7063765FX
Protective cover	7063647



## Transport and storage

### Please note the following when transporting the device:

- Stop the device. Remove the battery and allow the device to cool before storing or transporting it.
- Carry the device by the handle when it is switched off and keep it away from your body.
- Always transport and store the device with the protective cover installed.
- Protect the device from shock or strong vibration.
- Secure the device when transporting it in a vehicle.
- If possible, use the original packaging for transport.

### Please note the following when storing the device:

- Always apply a little oil to the chain before storage to avoid rusting.
- Remove the battery for storage and keep it in accordance with the instructions in the associated instructions.
- Clean the device before storing.
- Store the device and its accessories in a dark, dry, frost-free place and inaccessible to children. The optimal storage temperature is between 5 °C and 30 °C.
- Keep the device away from corrosive substances such as garden chemicals and de-icing salts.

## Troubleshooting

Problem	Possible cause	Troubleshooting
The device is not working.	The battery is empty.	Please charge the battery.
	The battery is defective.	Replace the battery.
The on/off switch cannot be activated.	Switch-on lock was not activated.	Activate the switch lock in front of the on/off switch.
The device works irregularly.	The device has a loose contact.	Have the device inspected by a specialist workshop or contact customer service.
	The on/off switch is defective.	



<b>Problem</b>	<b>Possible cause</b>	<b>Troubleshooting</b>
The saw chain is dry.	There is not enough oil on the saw chain.	Wet the saw chain with oil.
The saw chain and bar are hot.	The saw chain is dull.	The saw chain needs to be sharpened or replaced.
	The saw chain is dry.	Wet the saw chain with oil.
The device does not vibrate, pluck or saw properly.	The chain tension is too loose.	Adjust the chain tension.
	The saw chain is dull.	The saw chain needs to be sharpened or replaced.
	The saw chain is worn.	Replace the saw chain.
	The saw chain was mounted in the opposite direction to its intended direction.	Remove the saw chain and mount it in the correct running direction.

If the problem cannot be resolved, contact the customer service indicated on the last page.

## Technical Data

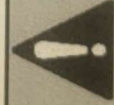
Model Number:	FBT-NXS002
Item number:	845494
Voltage of removable battery:	20 VDC
No load speed:	3500 min <sup>-1</sup>
No load chain speed:	5.33 m/s
Total sword length:	156 mm
Effective sword length:	110 mm
Max. cutting depth:	110 mm
Product weight without accessories	1.5 kg



<b>Noise:</b>	
Sound pressure level $L_{pA}$ :	84.5 dB(A)
Uncertainty $K_{pA}$ :	3 dB(A)
Sound power level $L_{WA}$ :	92.5 dB(A)
Uncertainty $K_{WA}$ :	3 dB(A)
<b>Vibration:</b>	
Handle:	1.612 m/s <sup>2</sup>
Uncertainty:	1.5 m/s <sup>2</sup>

## Total vibration value and noise emission value

The specified total vibration value and the specified noise emission values have been measured according to a standardized test method (EN 62841-1/EN ISO 12100:2010) and can be used to compare one power tool with another. They can also be used to make a preliminary assessment of exposure.



### WARNING!

Vibration and noise emissions may differ from the specified values during actual use of the power tool, depending on the way in which the power tool is used, in particular what type of work-piece is being processed.

It is necessary to establish safety measures to protect the operator based on an assessment of the vibration exposure during actual conditions of use (taking into account all parts of the operating cycle, for example times when the power tool is switched off and times when it is switched on), but runs without load).

Try to keep the exposure to vibrations and noise as low as possible. Examples of measures to reduce vibration exposure include wearing gloves when using the tool, limiting working hours and using accessories in good condition.



## Battery and charger information (not included in the scope of delivery)

only use the product with Active Energy® batteries and chargers that meet the following technical specifications:

Suitable for Active Energy®

**Batteries of the type:**

20 V == 36 Wh / Li-Ion

**Models:**

AEB 20-2.0/2 / XYZ561a

**Charging time:**

20 V == / 36 Wh = approx. 45 min.

**Batteries of the type:**

20/40 V == 90 Wh / Li-Ion

**Models:**

AEB 2040-2.5/2 / XYZ562a

**Charging time:**

20 V == (x2)/ 90 Wh = approx. 95 min.

**Chargers of the type:**

21 V == / 4,0 A

**Models:**

AEC 20-4.0/2a / XYZ563a

Please note the technical specifications for the battery and the charger.

## EC Declaration of Conformity

We, Batavia B.V., Weth. Wasseballestraat 6d, 7951 SN Staphorst, The Netherlands, hereby declare under our sole responsibility that the device „cordless pruning saw”, type FBT-NXS002 meets the essential protection requirements laid down in the European Directives 2014/30/EU on electromagnetic compatibility (EMC), 2006/42/EC (machinery), 2011/65/EU (RoHS) and their amendments. The following harmonised standards have been applied for the conformity assessment:

EN 62841-1:2015+A11:2022, EN ISO 12100:2010,

EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 63000: 2018

The technical documentation is kept at the QS of Batavia B.V.

Based on EC type examination procedure Address and identification number of the notified body:

Tüv Rheinland LGA Products GmbH, Tillystraße 2 D-90431 Nürnberg, Germany. 0197

Number of the EC test certificate: BM 50657905 0001

Staphorst, December 10, 2024



Jin Min, Quality Representative

Batavia B.V., Weth. Wasseballestraat 6d, 7951SN Staphorst, The Netherlands



## UK Declaration of conformity

We, the Batavia B.V., Weth. Wasseballestraat 6d, NL-7951 SN Staphorst, the Netherlands declare by our own responsibility that the product Model FBT-NXS002 is according to the basic requirements, which are defined in the UK Regulations Electrical Equipment (Safety) Regulations 2016, Electromagnetic Compatibility Regulations 2016, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 and their amendments.

Technical documentation kept by:



Jin Min, Quality Representative  
Batavia B.V., Weth. Wasseballestraat 6d, NL-7951 SN Staphorst, Netherlands

## Disposal

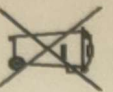
### Disposing of the packaging



Dispose of the packaging by sorting into single type materials.  
Dispose of paper-board and cardboard with waste-paper and plastics with recyclable waste.

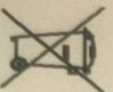
Widely  
Recycled

### Dispose of old electrical device



**old electrical devices must not be disposed of as household waste!** If the device cannot be used anymore, each consumer is obligated by law to **dispose of old devices separately from household waste**, e.g. at a municipal/city district collection point. It is thereby ensured that old devices are professionally recycled and negative effects on the environment are avoided. Therefore, electrical devices are marked with the above symbol.

**Batteries and rechargeable batteries must not go in domestic waste!**



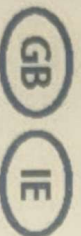
As a consumer you are legally obliged to dispose of all batteries, irrespective of whether they contain harmful substances\* or not, at a collection point in your community/district or at a retail outlet, so that they can be disposed of in an environmentally friendly manner.

\* marked with: Cd = Cadmium, Hg = Mercury, Pb = Lead, Li = Lithium.





Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.



**PRODUCED IN CHINA FOR:**

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ALDI STORES (IRELAND) LTD.  
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Visit us at [www.aldi.com](http://www.aldi.com)

**AFTER SALES SUPPORT**

845494



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**IE** 0 124 695 20



[service-uk@protel-service.com](mailto:service-uk@protel-service.com)

PROTEL

FBT-NX5002

03/2025

**3**

YEAR

WARRANTY